



Plankton Net Tow Log Sheet

Cruise #: 2013-48 Vessel: RICKER Page: 1

Project(s): BOLDT HERRING Contact: HUGIT

TSK Serial #: 7268 (NEW)

Date: JULY 24/13	Station: SET 001	Time: 1420 → 1427 (LOCAL)
Net Event # 003	CTD # 002	not UTC
Latitude: 48° 31' 26" N	Longitude: 124° 52' 17" W	
deg min.dec	deg min.dec	
Wire out: 130	Wire angle: 0°	Bottom Depth: 140
Net Type: BONGO	Tow Type: VNH	
Flow start 0000	Flow end 1346	Flow = frozen
		Non-flow = pickled

Notes:

Date: 25/7/13	Station: SET 002	Time: 1117 → 1125 (LOCAL)
Net Event # 005	CTD # 004	not UTC
Latitude: 48° 22' 09" N	Longitude: 125° 50' 72" W	
deg min.dec	deg min.dec	
Wire out: 135	Wire angle: 0	Bottom Depth: 147 / 135
Net Type: BONGO	Tow Type: VNH	
Flow start 1340	Flow end 2455	Flow = frozen
		Non-flow = pickled

Notes:

Date: 25/7/13	Station: SET 003	Time: 1635 → 1640 (LOCAL)
Net Event # 006	CTD # 006	not UTC
Latitude: 48° 37' 09" N	Longitude: 125° 24' 67" W	
deg min.dec	deg min.dec	
Wire out: 100	Wire angle:	Bottom Depth: 113
Net Type: BONG	Tow Type: VNH	
Flow start 2455	Flow end 3240	Flow = frozen
		Non-flow = pickled

Notes:

Date: 26/7/13	Station: SET 006	Time: 1629 → 1636 (LOCAL)
Net Event # 009	CTD # 008	not UTC
Latitude: 52° 47' 24" N	Longitude: 125° 32' 06" W	
deg min.dec	deg min.dec	
Wire out: 105	Wire angle: 0	Bottom Depth: 117
Net Type: BONGO	Tow Type: VNH	
Flow start 3240	Flow end 4450	Flow = frozen
		Non-flow = pickled

Notes:



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Cruise #: 2013-48 Vessel: RICKER Page: 2 of 2
Project(s): BOLDT HERRING Contact: H.M.
TSK Serial #: 7268

Date: 27/7/13	Station: TRANSECT 1.1	Time: 1100 → 1112 (LOCAL)
Net Event # 011	CTD # 010	not UTC
Latitude: 48 46 00 N	Longitude: 126 17 00 W	
deg min.dec	deg min.dec	
Wire out: 160	Wire angle: 0	Bottom Depth: 171
Net Type: BONGO	Tow Type: VNH	
Flow start 4450	Flow end 5898	Flow = frozen
		Non-flow = pickled

Notes:

Date: 27/7/13	Station: SET 007	Time: 1508 → 1513 (LOCAL)
Net Event # 013	CTD # 012	not UTC
Latitude: 48 55 15 N	Longitude: 125 46 41 W	
deg min.dec	deg min.dec	
Wire out: 90	Wire angle:	Bottom Depth: 99
Net Type: BONGO	Tow Type: VNH	
Flow start 5898	Flow end 6530	Flow = frozen
		Non-flow = pickled

Notes:

Date: 28/7/13	Station: SET 009	Time: 0834 → 0837 (LOCAL)
Net Event # 015	CTD # 014	not UTC
Latitude: 48 47 43 N	Longitude: 125 43 51 W	
deg min.dec	deg min.dec	
Wire out: 50	Wire angle:	Bottom Depth: 61
Net Type: BONGO	Tow Type: VNH	
Flow start 6530	Flow end 6918	Flow = frozen
		Non-flow = pickled

Notes:

Date: 28/7/13	Station: SET 010	Time: 1030 - 34 (LOCAL)
Net Event # 017	CTD # 016	not UTC
Latitude: 48 44 43 N	Longitude: 125 53 35 W	
deg min.dec	deg min.dec	
Wire out: 60	Wire angle:	Bottom Depth: 70
Net Type: BONGO	Tow Type: VNH	
Flow start 6918	Flow end 7410	Flow = frozen
		Non-flow = pickled

Notes:



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Cruise #: 2013-40 Vessel: RICKER Page: 3 of 3

Project(s): BOLDT HERRING Contact: H.M.

TSK Serial #: 7260

Date: 28/7/13	Station: SET 012	Time: 1658 → 1702 (LOCAL)
Net Event # 019	CTD # 010	not UTC
Latitude: 48 42 02 N	Longitude: 125 37 76 W	
deg min.dec	deg min.dec	
Wire out: 150	Wire angle:	Bottom Depth: 161
Net Type: BONGO	Tow Type: VNH	
Flow start 7410	Flow end 8410	Flow = frozen
		Non-flow = pickled

Notes:

Date: 29/7/13	Station: SET 013	Time: 0912 → 0916 (LOCAL)
Net Event # 021	CTD # 020	not UTC
Latitude: 48 34 18 N	Longitude: 125 44 69 W	
deg min.dec	deg min.dec	
Wire out: 65	Wire angle: 0	Bottom Depth: 73
Net Type: BONGO	Tow Type: VNH	
Flow start 8410	Flow end 9005	Flow = frozen
		Non-flow = pickled

Notes:

Date: 30/7/13	Station: SET 014	Time: 1007 → 1011 (LOCAL)
Net Event # 023	CTD # 022	not UTC
Latitude: 48 32 06 N	Longitude: 125 50 96 W	
deg min.dec	deg min.dec	
Wire out: 85	Wire angle:	Bottom Depth: 75
Net Type: BONGO	Tow Type: VNH	
Flow start 9005	Flow end 9485	Flow = frozen
		Non-flow = pickled

Notes:

Date: 30/7/13	Station: TRAJECT 2.4	Time: 1135 → 1148 (LOCAL)
Net Event # 025	CTD # 024	not UTC
Latitude: 48 27 76 N	Longitude: 126 04 01 W	
deg min.dec	deg min.dec	
Wire out: 200	Wire angle:	Bottom Depth: 150
Net Type: BONGO	Tow Type: VNH	
Flow start 9485	Flow end 10290	Flow = frozen
		Non-flow = pickled

Notes:



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Cruise #: 2013-48 Vessel: RICKER Page: 4 of 4

Project(s): BOLDT HERRING Contact: H.M.

TSK Serial #: 7268

Date: 31/7/13	Station: SET 15	Time: 1630 → 35 (LOCAL)
Net Event # 027	CTD # 026	not UTC
Latitude: 48 36 85 N	Longitude: 125 20 56 W	
deg min.dec	deg min.dec	
Wire out: 110	Wire angle:	Bottom Depth: 121
Net Type: BONGO	Tow Type: VNH	
Flow start 10290	Flow end 11010	Flow = frozen
		Non-flow = pickled

Notes:

Date: 31/7/13	Station: TRANSECT 2-7	Time: 1142 → 49 (LOCAL)
Net Event # 029	CTD # 028	not UTC
Latitude: 48 16 35 N	Longitude: 125 42 73 W	
deg min.dec	deg min.dec	
Wire out: 150 145	Wire angle:	Bottom Depth: 160 155
Net Type: BONGO	Tow Type: VNH	
Flow start 11010	Flow end 11910	Flow = frozen
		Non-flow = pickled

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Date: 31/7/13	Station: SET 17	Time: 1700 → 05 (LOCAL)
Net Event # 031	CTD # 030	not UTC
Latitude: 48 27.91 N	Longitude: 124 57.24 W	
deg min.dec	deg min.dec	
Wire out: 90	Wire angle:	Bottom Depth: 98
Net Type: BONGO	Tow Type: VNH	
Flow start 11910	Flow end 12620	Flow = frozen
		Non-flow = pickled

Notes:

Date: AUG 1	Station: TRANSECT 3-2A	Time: 0855 → 0900 (LOCAL)
Net Event # 033	CTD # 032	not UTC
Latitude: 48 16 29 N	Longitude: 125 23 804 W	
deg min.dec	deg min.dec	
Wire out: 100	Wire angle:	Bottom Depth: 110
Net Type: BONGO	Tow Type: VNH	
Flow start 12620	Flow end 13260	Flow = frozen
		Non-flow = pickled

Notes:



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Cruise #: 293-48 Vessel: RICKER Page: 5

Project(s): BOLDT HERRING Contact: H.M.

TSK Serial #: 7268

Date: AUG 1/13	Station: TRANSECT 3.2 B	Time: 1108 → 16 (LOCAL)
Net Event # 035	CTD # 034	not UTC
Latitude: 48 23 66 N	Longitude: 125 00 97 W	
deg min.dec	deg min.dec	
Wire out: 150	Wire angle:	Bottom Depth: 228
Net Type: BONGO	Tow Type: VNH	
Flow start 13260	Flow end 14170	Flow = frozen
		Non-flow = pickled

Notes:

Date: AUG 1/13	Station: TRANSECT 3.4 A	Time: 1428 → 33 (LOCAL)
Net Event # 037	CTD # 036	not UTC
Latitude: 48 12 55 N	Longitude: 125 15 06 W	
deg min.dec	deg min.dec	
Wire out: 110	Wire angle: 0	Bottom Depth: 126
Net Type: BONGO	Tow Type: VNH	
Flow start 14170	Flow end 15050	Flow = frozen
		Non-flow = pickled

Notes:

Date: AUG 1/13	Station: TRANSECT 3.4 B	Time: 1602 → 12 (LOCAL)
Net Event # 039	CTD # 038	not UTC
Latitude: 48 16 96 N	Longitude: 125 02 94 W	
deg min.dec	deg min.dec	
Wire out: 150	Wire angle: 0	Bottom Depth: 230
Net Type: BONGO	Tow Type: VNH	
Flow start 15050	Flow end 16072	Flow = frozen
		Non-flow = pickled

Notes:

Date: AUG 2/13	Station: SET 18	Time: 0830 → 34 (LOCAL)
Net Event # 041	CTD # 040	not UTC
Latitude: 48 55 24 N	Longitude: 126 08 05 W	
deg min.dec	deg min.dec	
Wire out: 80	Wire angle:	Bottom Depth: 88
Net Type: BONG	Tow Type: VNH	
Flow start 16072	Flow end 16760	Flow = frozen
		Non-flow = pickled

Notes:



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Cruise #: 2013-48 Vessel: *Richer* Page: 6

Project(s): *BOLDT HERRING* Contact: *H.M.*

TSK Serial #: 7268

Date: 2/8/13	Station: <i>TRANSECT 4.1</i>	Time: 1024 → 33 (LOCAL)
Net Event # 043	CTD # 042	not UTC
Latitude: 48 49 09 N		Longitude: 126 26 78 W
deg min.dec		deg min.dec
Wire out: 150	Wire angle:	Bottom Depth: 197
Net Type: <i>BONGO</i>	Tow Type: <i>VNA</i>	
Flow start 16760	Flow end 18050	Flow = frozen
		Non-flow = pickled

Notes:

Date: 2/8/13	Station: <i>TRANSECT 4.2</i>	Time: 1342 → 44 (LOCAL)
Net Event # 045	CTD # 044	not UTC
Latitude: 49 03 68 N		Longitude: 126 00 75 W
deg min.dec		deg min.dec
Wire out: 40	Wire angle:	Bottom Depth: 47
Net Type: <i>BONGO</i>	Tow Type: <i>VNA</i>	
Flow start 18050	Flow end 18225	Flow = frozen
		Non-flow = pickled

Notes:

Date: 2/8/13	Station: <i>TRANSECT 4.3</i>	Time: 1639 → 46 (LOCAL)
Net Event # 047	CTD # 046	not UTC
Latitude: 48 59 36 N		Longitude: 126 33 82 W
deg min.dec		deg min.dec
Wire out: 150	Wire angle:	Bottom Depth: 182
Net Type: <i>BONGO</i>	Tow Type: <i>VNA</i>	
Flow start 18225	Flow end 19436	Flow = frozen
		Non-flow = pickled

Notes:

Date:	Station:	Time: (LOCAL)
Net Event #	CTD #	not UTC
Latitude: N		Longitude: W
deg min.dec		deg min.dec
Wire out:	Wire angle:	Bottom Depth:
Net Type:	Tow Type:	
Flow start	Flow end	Flow = frozen
		Non-flow = pickled

Notes: